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| Application No. | Applicant(s)    |   |
|-----------------|-----------------|---|
| 10/063,942      | HUANG, KING-TUN | G |
| Examiner        | Art Unit        |   |
| Yean-Hsi Chang  | 2835            |   |

| O     0     0     0     0     0     0     0     0     0     1     2     2     √     55     100   |        |          | √ Rejected _ |    |          |          |          |          | (Т             | hrou<br>Ca |          | N          |          | No       | n-E     | lec          | ted    |         | A            | Appeal       |        |         |   |          |          |           |           |          |          |          |          |          |            |   |
|--|--------|----------|--------------|----|----------|----------|----------|----------|----------------|------------|----------|------------|----------|----------|---------|--------------|--------|---------|--------------|--------------|--------|---------|---|----------|----------|-----------|-----------|----------|----------|----------|----------|----------|------------|---|
| The color of the |        |          | =            | Δ  | llo      | we       | d        |          |                | ÷          |          | Restricted |          |          |         |              |        | 1       |              | Interference |        |         |   |          | 0        | Objected  |           |          |          |          |          |          |            |   |
| 1  | Cla    | im       | L            |    | _        | _        | Dat      | е        | _              | _          | _        | ]          | Claim D  |          |         |              |        |         |              | _            | _      | _       | ] | CI       | Date     |           |           |          |          |          | _        | ם        |            |   |
| 1  | Final  | Original | 9/30/03      |    |          |          |          |          |                |            |          |            | Final    | Original |         |              |        |         |              |              |        |         | Ì | Final    | Original |           |           | Ì        |          |          |          |          |            |   |
| 2  |        | _        | 1            | _  | -        | -        | ⊦        | 1        | ┞              | ┡          | ┝        | 1          | -        |          |         | +            | -      | +       | +            | +-           | +      | +-      | 1 | -        | 1        | H         | -         | 4        | 4        | -        | -        | +        | +          | 4 |
| 3     √     53     103     104     104     104     105     54     100     105     105     105     105     105     105     105     106     107     105     107     107     107     107     108     108     109     107     107     107     108     108     108     109  |        |          |              |    | $\vdash$ |          | +        | 1        |                | -          | Н        | 1          | <u> </u> |          | _       | +            | $^{+}$ | +       | +            | +            | +      | +       | 1 | $\vdash$ |          | +         | +         | 7        | +        | -        |          | _        | $\dashv$   | - |
| 5  |        |          |              |    |          |          |          | 1        | t              |            | 1        | 1          |          |          | 1       | $\top$       |        | 1       |              | 1            | 1      |         | 1 |          |          | T         | 1         | 7        | _        |          |          |          |            |   |
| 6     √     106     107     107     107     107     107     108     108     108     108     108     108     108     108     108     109  |        |          |              |    |          |          |          | Π        |                | П          |          | 1          |          | 54       |         | Ι            | I      | I       | I            | I            |        | I       | ] |          |          |           |           | $\Box$   | $\Box$   |          |          |          |            |   |
| 7 O     57     107       8 √     58     108       9 √     60     109       10 √     60     110       11 √     61     111       12 O     62     112       13 √     63     113       14 √     64     114       15 √     65     115       16 √     66     116       17 √     67     117       18 √     68     118       19 √     69     119       20     70     120       21     71     121       22     72     122       23 3     73     123       24 4     74     124       25 5     75     126       27     77     127       28     78     128       29     79     128       29     79     128       30     80     130       31     82     132   |        |          |              |    | <u> </u> | _        |          | _        | L              |            | ┖        | 1          |          |          | _       | 1            | 4      | 1       | 1            | ┸            | 1      | L       | 1 |          |          | ш         | _         | 4        |          | _        | Ц        | _        |            |   |
| 8     √     58     108     108     9     √     59     109     100     100     100     100     100     100     100     100     100     100     110     111     111     112     60     111     111     111     111     112     63     113     113     113     113     113     114     4     64     114     114     114     115     √     655     5     115     5     65     116     √     66     66     116     117     √     67     117     117     118     √     68     118     118     118     118     118     119     √     69     1199     √     69     1199     √     69     1199     √     69     1199     √     70     120     22     22     22     22     22     22     22     22     22     22     22     22     22     22     22     22     22     22<  |        |          | 14           | _  | 1        | -        | -        | 1-       | ┡              | -          | 1        | 4          | <u> </u> |          | -       | +            | 4      | 4       | 4-           | 4            | +      | +       | - | -        |          | ₩         | 4         | 4        | 4        | -        |          | _        | -          |   |
| 9 √     60     100     100     110     111     111     111     111     111     111     111     111     111     111     111     111     112     112     112     112     112     112     112     112     112     112     113     114     114     114     113     113     113     113     113     114     114     114     115     115     116     115     116     115     116     116     117     116     117     117     116     117     117     117     117     117     117     117     117     117     117     117     118     119     120     120     120     120     120     120     120     120     120     121     121     121     121     121     121     122     122     122     122     122     122     122     122     122     122     122     122     122     122     122     122     122 <td></td> <td></td> <td></td> <td>L</td> <td>H</td> <td><u> </u></td> <td>-</td> <td>+</td> <td>-</td> <td>⊢</td> <td>+</td> <td>-</td> <td><u></u></td> <td></td> <td>+</td> <td>+</td> <td>+</td> <td>+</td> <td>+</td> <td>+</td> <td>+</td> <td>+</td> <td>1</td> <td><u>-</u></td> <td></td> <td>+</td> <td>-</td> <td>4</td> <td></td> <td>-</td> <td>Н</td> <td>-</td> <td></td> <td>_</td>  |        |          |              | L  | H        | <u> </u> | -        | +        | -              | ⊢          | +        | -          | <u></u>  |          | +       | +            | +      | +       | +            | +            | +      | +       | 1 | <u>-</u> |          | +         | -         | 4        |          | -        | Н        | -        |            | _ |
| 10   | -      | 8        |              | ├- | ├        | $\vdash$ | $\vdash$ | +-       | ⊢              | +-         | ╌        | 1          | $\vdash$ |          | +       | +            | +      | +       | +            | +            | +      | +       | 1 | -        |          | +         | -         | +        | $\dashv$ | -        | +        | -        | -          | - |
| 111  | -      |          |              | -  | -        | $\vdash$ | $\vdash$ | +-       | +              | -          | +        | 1          | -        | 60       | +       | +            | +      | +       | +            | +            | +      | +       | 1 | $\vdash$ |          | $\forall$ | $\dashv$  | +        | +        |          | +        | $\dashv$ | +          | ۲ |
| 12 0 62 112 112 13 14 14 14 15 63 113 15 14 14 14 15 65 115 15 15 16 16 17 17 17 16 18 17 17 17 18 18 17 18 18 17 18 18 17 18 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19  | -      |          |              | 1  | Н        | Н        | 1        | 1        | $\vdash$       | t          | +        | 1          | _        |          | +       | +            | +      | +       | +            | +            | +-     | +       | 1 |          |          | +         | +         | 7        | $\dashv$ | -        | $\vdash$ | $\dashv$ | +          | ٦ |
| 14 \( \) \( \)     64     65     1114     65     115 \( \) \( \)     66     116     116     116     116     116     116     116     116     117 \( \) \( \)     67     117     117     118     118     118     118     118     118     118     118     119     20     120     120     120     120     121     120     121     121     121     121     122     122     122     123     123     123     123     124     125     126     127     127     127     127     127     128     128     128     128     128     128     128     128     128     128     128     128     128     128     130     33     34  |        |          | ò            | _  |          |          | 1        | $\vdash$ | 1              | _          | T        | 1          |          |          |         | +            | +      | 1       | +            | $^{\dagger}$ | $^{+}$ | +       | 1 |          |          | $\Box$    |           | ヿ        | 7        |          |          | _        | _   -      |   |
| 15 √     65     115     116     116     116     116     116     116     116     117     117     117     118     117     117     117     118     119     119     119     119     119     120     120     120     121     121     122     122     122     122     122     122     122     122     123     123     123     123     123     123     124     124     124     124     125     126     126     126     127     127     127     127     127     127     127     127     127     127     127     127     127     128     128     128     128     128     128     128     128     128     129     130     130     130     131     131     131     131     131     131     131     132     333     333     333     334     334     333     334     334     333     334     335     335     336 <td></td> <td></td> <td>V</td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>63</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><math>\top</math></td> <td></td> <td>T</td> <td>]</td> <td></td> <td></td> <td></td> <td></td> <td>I</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>   |        |          | V            |    | _        |          |          |          |                |            |          | 1          |          | 63       |         |              |        |         |              | $\top$       |        | T       | ] |          |          |           |           | I        |          |          |          |          |            |   |
| 16 \( \forall \)     66     116     116     117     18 \( \forall \)     67     117     118     118     118     118     118     119     120     120     120     120     120     120     120     120     121     121     122     122     122     122     123     123     123     123     123     124     124     124     124     124     124     124     124     125     126     126     127     126     127     127     128     128     128     128     128     128     128     128     129     30   |        |          |              |    |          |          |          |          |                |            |          | ]          |          |          |         | I            | T      | I       | I            | I            | I      | I       | ] |          |          |           |           |          |          |          |          |          |            |   |
| 17 √     67     117     117     19     19     19     19     118     19     19     119     119     120     120     120     120     121     121     122     122     122     122     122     123     123     123     123     123     123     124     124     124     124     125     126     126     126     126     126     126     126     127     127     127     127     127     127     127     128     128     128     128     128     128     128     129     130     130     131     131     131     131     131     131     132     33     133     3   |        |          |              |    |          | _        | ┖        | ┖        | ┖              |            | ┖        | 1          |          |          |         | 1            |        | _       | $\perp$      | ┸            | 1      | 1       | 1 |          |          |           | _         | 4        | _        | _        |          |          | _          |   |
| 18   |        |          | V            |    | _        |          | _        | ļ.,      | ╙              | L          | ⇂        | 4          | L        |          | _       | 4            | +      | $\perp$ | 4            | 4            | +      | 4       | 1 | _        | 116      | 11        | _         | 4        | -        | _        |          | _        | _          | _ |
| 19   V     69     119   120   120   121   121   121   121   122   122   122   122   122   122   122   122   122   123   123   123   124   124   124   124   125   126  | _      |          |              | _  | -        | $\vdash$ | 1        | ├-       | 1              | -          | ╌        | 4          | -        |          | -       | +            | +      | +       | +            | +            | +      | ╀       | 1 | $\vdash$ |          | -         | -         | -1       | $\dashv$ | -1       |          | -        | +          | _ |
| 20   | -      |          |              | -  | -        | -        | ⊢        | +-       | ⊢              | -          | ╁        | 1          | -        |          | +       | +            | +      | +       | +            | +-           | +      | +-      | 1 | -        |          | $\vdash$  | $\dashv$  | -        | $\dashv$ | -        | $\dashv$ | $\dashv$ | +          | - |
| 21   | -      |          | 1            | -  | ⊢        | -        | +        | -        | -              | ⊢          | -        | 1          | -        |          | +       | +            | +      | +-      | +            | +            | +      | +       | 1 | -        |          | 1-1       | -         | +        | -        | -        | $\vdash$ | -        | -          | _ |
| 22     72     122       23     73     123       24     74     124       25     75     125       26     76     126       27     77     127       28     78     128       29     79     129       30     80     130       31     81     131       32     82     132       33     83     133       34     84     134       35     85     135       36     86     136       37     87     137       38     88     136       39     89     139       40     90     140       41     91     141       42     92     142       43     93     143       44     94     144       44     94     144       45     95     146       46     96<   | _      |          | -            | -  | -        | Н        | +        | +        | 1              | H          | +-       | 1          | <u> </u> |          | _       | +            | +      | +       | +            | +            | +      | +       | 1 | $\vdash$ | 121      | +         | +         | 7        | $\dashv$ | -        | Н        | $\dashv$ | +          | - |
| 23   |        |          | -            |    |          |          |          | +        | t              | 1          | 1        | 1          | _        | 72       | $\neg$  | +            | +      | +       | $^{\dagger}$ | +            | +      | 1       | 1 |          |          | П         | T         | 7        | T        |          |          | $\neg$   | _          |   |
| 25   |        | 23       | Г            |    |          | Г        | 1        |          | 1              | Г          |          | 1          |          |          | $\neg$  | 7            |        |         | 1            | T            | Т      | Т       | 1 |          | 123      | П         | $\neg$    | 7        |          |          |          |          |            | _ |
| 26     76     126     127     127     127     127     128     128     128     128     128     129     129     130     130     130     130     130     131     130     131     130     131     131     132     33     132     33     133     133     133     133     134     134     134     134     134     134     135     136     135     136     137     136     137     136     137     136     137     138     138     138     138     139     138     138     139     140     140     141     141     141     141     141     141     141     141     141     141     142     142     143     144     144     144     144     144     144     144     144     144     144     144     144     144     144     144     144     144     144     144     145     145     145     146     146  |        |          |              |    |          |          | L        | L        | L              | Γ.         | Π        | ]          |          |          |         | $\perp$      |        | T       |              | L            | Τ      |         | ] |          |          |           | $\Box$    | $\Box$   |          |          |          |          |            |   |
| 27     77     127       28     78     128       29     79     129       30     80     130       31     81     131       32     82     132       33     83     133       34     84     134       35     85     135       36     86     136       37     36     86       38     88     138       39     86     138       39     80     139       40     90     140       41     91     141       42     92     142       43     93     143       44     94     144       44     94     144       46     96     146       47     97     147       48     99     148       49     99     149   |        |          |              |    |          | _        |          | L        |                |            |          | ]          |          |          |         | 1            |        | 1       | L            | I            | 1      | $\perp$ | 1 |          |          |           | _         | _        | _        |          | Ц        |          | _          |   |
| 28     78     128       29     79     129       30     80     130       31     81     131       32     82     132       33     83     133       34     84     134       35     85     135       36     86     136       37     87     137       38     88     88       39     89     139       40     90     140       41     91     141       42     92     142       43     93     143       44     94     144       44     94     144       45     95     145       46     96     146       47     97     147       48     98     148       49     99     149   |        |          | <u>_</u>     |    | ļ        | <u> </u> | ╀        | -        | ╀              | <b>├</b>   | ⊢        | 4          | <u> </u> |          | +       | +            | +      | +       | +            | +            | +      | +       | 4 | _        |          | $\vdash$  | -         | -        |          |          | $\Box$   | $\dashv$ |            | _ |
| 29     79     129       30     80     130       31     81     131       32     82     132       33     83     133       34     84     134       355     85     135       36     86     135       37     87     137       38     88     138       39     89     139       40     90     139       41     91     141       42     92     142       43     94     143       44     94     144       44     94     144       44     94     144       44     94     144       44     94     144       46     96     146       46     96     146       47     97     147       48     99     149   | -      |          | ⊢            | -  | ⊢        | -        | -        | +        | ╀              | ⊢          | ╀        | 1          | -        |          | -       | +            | +      | +       | +            | +            | +      | +-      | - | -        |          | +         | $\dashv$  | +        | $\dashv$ | -        | +        | $\dashv$ | +          |   |
| 30     80     130       31     81     131       32     82     132       33     83     133       34     84     134       35     85     135       36     86     136       37     87     137       38     88     138       39     89     139       40     90     140       41     91     141       42     92     142       43     93     143       44     94     144       44     94     144       44     94     144       46     96     146       46     96     146       47     97     147       48     98     148       49     99     149  |        |          |              |    | $\vdash$ | -        | ╁╌       | -        | -              | -          | ╁        | 1          | -        |          | +       | +            | +      | +       | +            | +            | +      | +-      | 1 | $\vdash$ |          | $\vdash$  | -         | $\dashv$ | +        | -        |          | -        | -          | - |
| 31     81     131     131     132     132     132     132     132     133     133     133     133     133     134     134     134     134     135     135     135     135     135     135     136     136     136     136     136     136     138     138     138     138     138     139     139     139     139     139     140     141     142     143     143     143     143     144     144  | _      |          | $\vdash$     | _  | Н        | $\vdash$ | 1        | +        | 1              | $\vdash$   | ✝        | 1          | $\vdash$ |          | $^{-}$  | +            | +      | +       | +            | +            | +      | +       | 1 | _        |          |           | -+        | 7        | 7        | _        | Н        | $\neg$   | $^{+}$     | _ |
| 32     82     132       33     83     133       34     84     134       35     85     135       36     86     136       37     87     137       38     88     138       39     89     139       40     90     140       41     91     141       42     92     142       43     93     143       44     94     144       45     95     145       46     96     146       47     97     147       48     98     148       49     99     149  | $\neg$ |          | ✝            | _  | H        | 1-       | T        | Т        | $\vdash$       | 1          | 1        | 1          | $\vdash$ |          | -+      | +            | +      | +       | +            | $^{+}$       | +      | $\top$  | 1 |          |          | $\vdash$  | 7         | 7        | 7        | _        | П        | 7        | _          | _ |
| 34     84     134       35     85     135       36     86     136       37     87     137       38     88     138       39     89     139       40     90     140       41     91     141       42     92     142       43     93     143       44     94     144       45     95     145       46     96     146       47     97     147       48     98     148       49     99     149  |        |          |              |    |          |          |          |          |                |            | L        | 1          |          | 82       |         | 1            | 1      |         | T            | I            |        |         | 1 |          | 132      |           |           |          |          |          |          |          | $\Box$     | _ |
| 35     85     135     135       36     86     136     137       37     87     137     137       38     87     138     138       39     89     139     139       40     90     140     141       41     91     141     141       42     92     142     142       43     93     143     143       44     94     144     144       45     95     145     145       46     96     146     147       47     97     147     147       48     98     148       49     99     149  |        |          |              |    |          |          |          |          |                |            |          | ]          |          |          | $\perp$ | Ι            |        |         | $\perp$      | I            |        | I       |   |          |          |           |           |          | _]       |          |          | $\Box$   | $\perp$    |   |
| 36     86     136     136     37     37     87     137     38     38     88     138     138     39     69     139     99     139     99     140     140     140     140     141     141     141     141     142     142     142     142     142     143     143     143     144     144     144     144     144     144     144     144     144     145     145     146     146     147     147     147     147     148     148     198     148     149     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140 <t< td=""><td>_</td><td></td><td>L</td><td></td><td>L</td><td>_</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>4</td><td>_</td><td></td><td>_</td><td>4</td><td>4</td><td>1</td><td>1</td><td>1</td><td>1</td><td>4</td><td>1</td><td><math>\vdash</math></td><td></td><td>1</td><td>_</td><td>4</td><td>_</td><td>_</td><td></td><td>_</td><td>-</td><td>_</td></t<>   | _      |          | L            |    | L        | _        | 1        | 1        | 1              | 1          | 1        | 4          | _        |          | _       | 4            | 4      | 1       | 1            | 1            | 1      | 4       | 1 | $\vdash$ |          | 1         | _         | 4        | _        | _        |          | _        | -          | _ |
| 37     87     137       38     88     138       39     89     139       40     90     140       41     91     141       42     32     142       43     93     143       44     94     144       45     95     145       46     96     146       47     97     147       48     98     148       49     99     149  | _      |          | -            | -  | ⊢        | <u> </u> | $\vdash$ | -        | -              | -          | ⊢        | 4          | -        |          | +       | +            | +      | +       | +            | +            | +      | +       | 1 | -        |          | $\vdash$  | $\dashv$  | +        | -        | -        | $\vdash$ | $\dashv$ | -          |   |
| 38     68     138       39     69     139       40     90     140       41     91     141       42     92     142       43     93     143       44     94     144       45     95     145       46     96     146       47     97     147       48     98     148       49     99     149  | -      | 36       | $\vdash$     | Н  | $\vdash$ | -        | $\vdash$ | +-       | $\vdash$       | $\vdash$   | $\vdash$ | -          | -        |          | +       | +            | +      | +       | +            | +            | +      | +       | 1 | -        | 136      | +         | -         | +        | +        | $\dashv$ | Н        | $\dashv$ | +          | - |
| 39     89     139       40     90     140       41     91     141       42     32     142       43     93     143       44     94     144       45     95     145       46     96     146       47     97     147       48     98     148       49     99     149  | -      |          | ┝            | -  | $\vdash$ | -        |          | -        | -              | ⊢          | +        | Н          | -        |          | +       | +            | +      | +       | +-           | +            | +      | +       | 1 | $\vdash$ |          | $\vdash$  | $\dashv$  | -        | +        | -        | $\vdash$ | -        | +          | - |
| 40 90 140 141 44 42 92 92 142 143 44 94 94 97 97 146 146 148 148 149 149 149 149 149 149 149 149 149 149   | -      |          | -            |    | $\vdash$ | -        |          | $\vdash$ |                | +-         | $\vdash$ | 1          | -        |          | +       | +            | +      | +       | +            | +            | +      | +       | 1 | -        |          | +         | $\dashv$  | +        | -        |          | $\vdash$ | -        | -          | _ |
| 41 91 141   42 92 142   43 93 143   44 95 145   45 95 145   46 96 146   47 97 147   48 98 148   49 99 149  | -      |          | $\vdash$     | т  | Т        | 1        | 1        | +        | $\vdash$       | t          | $\vdash$ | 1          |          |          | $\pm$   | +            | +      | +       | +            | $^{+}$       | +      | $^{+}$  | 1 |          |          | $\vdash$  | $\dashv$  | +        | +        | H        | Н        | -        | $^{+}$     | _ |
| 42 92 142   43 93 143   44 94 144   45 95 145   46 96 146   47 97 147   48 98 146   49 99 149  | _      | 41       |              | Т  | Г        | Г        |          | $\vdash$ |                | 1          | $\vdash$ | 1          |          | 91       | $\top$  | $^{\dagger}$ | $\top$ | $\top$  | 1            | $\top$       | 1      | $\top$  | 1 |          | 141      | $\Box$    | $\exists$ | 7        |          |          |          | $\neg$   | $\neg$     | _ |
| 44 94 144   45 95 145   46 96 146   47 97 147   48 98 146   49 99 149  |        | 42       | E            |    |          |          | L        |          | L              | L          | Ľ        | 1          |          | 92       | 1       | 1            | 1      | 1       | 1            | I            | I      | T       | 1 |          | 142      |           | ⇉         | J        |          |          |          |          | $\Box$     |   |
| 45   |        |          |              |    |          |          |          |          |                |            | 匚        |            |          |          | $\perp$ | I            | T      | I       | Г            | Г            |        |         | 1 |          |          |           |           | $\Box$   |          |          |          |          | $ \square$ |   |
| 46 96 146 47 47 97 147 48 98 146 146 49 99 144 149 149 149 149 149 149 149 1   |        |          | 匚            |    |          | L        |          | L        |                | ┖          | ļ.       | 1          |          |          |         | 1            | _      | 1       |              | 4            | 1      | 1       | 1 |          |          |           |           |          | _]       |          |          |          | _          |   |
| 47 97 147 48 48 99 149 99 149  | _      |          | _            |    |          | L.       | _        | L        | _              | 1          | <b>└</b> | 4          | L_       |          | _       | 4            | 4      | 4       | 4            | 1            | 4      | 1       | 1 | $\vdash$ |          |           | _         | 4        | _        | _        | $\sqcup$ | _        |            | _ |
| 48 98 148 49 99 149 149 149 149 149 149 149 149 1  | -      |          | $\vdash$     | -  | -        | -        | -        | -        | $\vdash$       | ⊢          | -        | 4          | <b>!</b> | 96       | +       | +            | +      | +       | +            | +            | +      | +       | 1 | -        |          |           | -+        | -        | 4        | _        | Н        | _        | -          | _ |
| 49 99 149  | -      |          | -            | Н  | $\vdash$ | ├-       | -        | +        | $\vdash$       | ⊢          | ⊢        | 1          | -        |          | +       | +            | +      | +       | +            | +            | +      | +       | 1 | -        |          |           | $\dashv$  | -+       | $\dashv$ | -        | $\vdash$ | -+       | +          | - |
|  | $\neg$ |          |              | -  | $\vdash$ | ⊢        | +        | $\vdash$ | -              | $\vdash$   | $\vdash$ | 1          | -        |          | +       | +            | +      | +       | +            | +            | +      | +       | 1 | -        |          |           | $\dashv$  | -1       | $\dashv$ | $\dashv$ | -        | -        | +          | - |
|  | -      | 50       | -            | -  | $\vdash$ | -        | +-       | 1        | <del>  -</del> | 1-         | 1        | 1          |          | 100      | +       | +            | +      | +       | +-           | +            | +-     | +-      | 1 | -        | 150      |           | -         | -        | +        | $\neg$   |          | -        | -          | - |